

20030428.qrp v02\_n904.qrl.20030428

Date: Mon, 28 Apr 2003 19:03:09 EDT  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2904

QRP-L Digest 2904

Topics covered in this issue include:

- 1) [149656] Re: Need input on the going rate for FT-817 these days  
by "KL7FDQ, Wayne Leman" <KL7FDQ@rangeweb.net>
- 2) [149657] WTB: Argo 509 shorting plug  
by Marv Fagenson <k6hcj@juno.com>
- 3) [149658] Ameco AC-1 on that dreaded auction site  
by "Howard Kraus" <K2UD@adelphia.net>
- 4) [149659] Re: QRP-TTF de 1/2 of the WONTA/7 Team  
by "Rod N0RC" <rod@n0rc.us>
- 5) [149660] Re: QTTF Results: WQ2RP  
by "John L. Sielke" <w2agn@w2agn.net>
- 6) [149661] Re: Snowy TTF  
by "John L. Sielke" <w2agn@w2agn.net>
- 7) [149662] QRPTTF From Lost Creek Wilderness, CO  
by "Dave Ek" <ekdave@earthlink.net>
- 8) [149663] Re: QRPTTF- My 10 cents worth .  
by "John L. Sielke" <w2agn@w2agn.net>
- 9) [149664] QRPTTF  
by john <johnmb@nc.rr.com>
- 10) [149665] Soldering Irons...  
by "sslyon" <sslyon@megalink.net>
- 11) [149666] A Rock Mite QRPTTF - AA5TB  
by "Steve Yates - AA5TB" <aa5tb@arrl.net>
- 12) [149667] 4th QRP-Minimal-Art-SESSION  
by dl6aaf@t-online.de (Uwe Meier)
- 13) [149668] TTF: at first just ghostly ...  
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 14) [149669] Re: QRPTTF- My 10 cents worth .  
by "William Phinizy" <k6whp@verizon.net>
- 15) [149670] QRPTTF soapbox  
by Bill Stietenroth <k5zty@juno.com>
- 16) [149671] QRPTTF Log  
by "Doug Hendricks" <ki6ds@dospalos.org>
- 17) [149672] QRP Afield - Fall QRP Operating Event  
by "cal.jsi" <cal.jsi@verizon.net>
- 18) [149673] Re: A Rock Mite QRPTTF - AA5TB  
by "George, W5YR" <w5yr@att.net>
- 19) [149674] Re: QTTF Results: WQ2RP

- by "George, W5YR" <w5yr@att.net>
- 20) [149675] Yaesu FT-7 Opinions  
by "JT Croteau" <jt@geekopolis.com>
- 21) [149676] N0SXX QRPTTF Pictures and Log  
by Gary Slagel <gds slagel@yahoo.com>
- 22) [149677] RE: Patcomm Radio  
by "Burl A. Keeton" <n5duq@juno.com>
- 23) [149678] RE: Unfinished post regarding Patcomm Radio,  
by "Burl A. Keeton" <n5duq@juno.com>
- 24) [149679] Re: QRPTTF Log  
by "George, W5YR" <w5yr@att.net>
- 25) [149680] K0EVZ QRPTTF  
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 26) [149681] Strange CW Transmission copied on 12 Mhz (????)  
by "John Paul Dooley" <portscom@hotmail.com>
- 27) [149682] QRPTTF Report - Pictures - Video!!  
by "Dave Fifield" <dave@redhotradio.com>
- 28) [149683] All HC908 Daughtercards now shipped  
by "George Heron N2APB" <n2apb@erols.com>
- 29) [149684] Sparrow manual  
by "Peter Zenker" <DL2FI@t-online.de>
- 30) [149685] English manuals for the German 8 band SW TRAMP and 2mSSB/CW  
HOHENTWIEL are ready  
by "Peter Zenker" <DL2FI@t-online.de>
- 31) [149686] OT: Packet manual  
by "Royce Simmons" <w2rnb@prodigy.net>
- 32) [149687] QTTF at Batsto  
by "n2cx" <n2cx@voicenet.com>
- 33) [149688] Re: Strange CW Transmission copied on 12 Mhz (????)  
by pmurphy <w6wy@citlink.net>
- 34) [149689] RE: Unfinished post regarding Patcomm Radio,  
by "Walter AG5P" <walter@accessus.net>
- 35) [149690] 10-turn pot for Norcal 40A - which one is the best fit?  
by ae5x@netscape.net (John Harper AE5X)
- 36) [149691] QRA Locator software.  
by "Ray Goff" <radioham@gmx.co.uk>
- 37) [149692] Doug Hauff url/email?  
by brewerj@squared.com
- 38) [149693] Patcomm Radio,  
by Ed Lawson <k1vp@grizzly.com>
- 39) [149694] Call for articles  
by "KB9BVN" <brian@iquest.net>
- 40) [149695] NJQRP Homebrewer Sprint: Last Call For Logs  
by "Ken Newman" <N2CQ@Dandy.Net>
- 41) [149696] Now Showing - The ARS Sojourner  
by Richard Fisher <ki6sn@yahoo.com>
- 42) [149697] Re: Doug Hauff url/email?  
by David Hinerman <WD8CIV@worldnet.att.net>

- 43) [149698] Re: QRPTTF Log  
by "C. Mulder" <cmulder@wanadoo.nl>
- 44) [149699] QRPTTF Report for K5JS and W5JH  
by Jerry Haigwood <w5jh@swlink.net>
- 45) [149700] FT: OHR 30M Rig for a small 40M Monobander  
by Michael Babineau <michael.babineau@sympatico.ca>
- 46) [149701] QRPTTF  
by Stewart Bowers <stewbow@yahoo.com>
- 47) [149702] NJQRP Homebrewer Sprint: Logs Received  
by "Ken Newman" <N2CQ@Dandy.Net>
- 48) [149703] QRP Books For Sale  
by "David Durant" <n4xce@bellsouth.net>
- 49) [149704] FS: MFJ Grandmaster MFJ-872 swr/pwr meter (5w/20w and 200w scales)  
by "NZ8J" <nz8j@woh.rr.com>

-----  
Date: Sun, 27 Apr 2003 12:49:35 -0600  
From: "KL7FDQ, Wayne Leman" <KL7FDQ@rangeweb.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [149656] Re: Need input on the going rate for FT-817 these days  
Message-ID: <004d01c30ced\$c8ec2ed0\$023d1dac@waynecomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

approx. \$475-525 (in Alaskan currency!)

Wayne

-----

Wayne Leman  
KL7FDQ QRP ARCI #4454  
Busby, Montana Grid: DN65nm  
<http://www.qsl.net/kl7fdq/>

> I have not been paying attention to the FT-817s lately and just got asked  
what  
> the range of sale price is these days for a very clean, barely used FT-817  
> with a Radio Shack switching Power supply.  
>  
> I would appreciate private emails to <mailto:jimlarsen2002@alaska.net> on  
your  
> opinions. You could post to the list if you feel your info has general  
> appeal but several private responses would really help.  
>  
> The rig is not being used as the owner finds himself using his K1 most of  
the

> time. I will post the rig for sale on here in a few days.  
>  
> Thank you for your kind help on this info.  
>  
> 73, Jim  
> --  
> Jim Larsen, AL7FS

-----  
Date: Sun, 27 Apr 2003 12:29:14 -0700  
From: Marv Fagenson <k6hcj@juno.com>  
To: qrp-1@Lehigh.edu  
Subject: [149657] WTB: Argo 509 shorting plug  
Message-ID: <20030427.122915.-1684551.0.k6hcj@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Anyone have a spare shorting plug for the back of the Ten Tec Argo 509?  
In a moment of brilliance, I misplaced it! I know, I know, just put a  
piece of wire in #4 and #5.  
Thanx, Also, Johnson Viking I available. AM/CW from 1948!  
Marv Fagenson  
k6hcj@Juno.com

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The best thing to hit the internet in years - Juno SpeedBand!  
Surf the web up to FIVE TIMES FASTER!  
Only \$14.95/ month - visit [www.juno.com](http://www.juno.com) to sign up today!

-----  
Date: Sat, 26 Apr 2003 16:36:40 -0400  
From: "Howard Kraus" <K2UD@adelphia.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [149658] Ameco AC-1 on that dreaded auction site  
Message-ID: <000b01c30c33\$8ec8de20\$53633018@buf.adelphia.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I'm not bidding on it, too pricey for me. However, it is an excellent  
example of this classic QRP tube transmitter. I didn't realize that there

was a version of it that offered bandswitching (as opposed to swapping plug-in coils). Dun't bother me none, I like changing coils.

It's worth it just to drool over the pictures!

If you are bidding on it, keep in mind that a rather well known guitarist with deep pockets is also interested in it. GL.

72

Howard Kraus, K2UD

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Date: Sun, 27 Apr 2003 14:27:37 -0600  
From: "Rod N0RC" <rod@n0rc.us>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Cc: <elecrafter@mailman.qth.net>, "cqc-l" <CQCLIST@yahoo.com>  
Subject: [149659] Re: QRP-TTF de 1/2 of the W0NTA/7 Team  
Message-ID: <001901c30cfb\$72146650\$6501a8c0@greyrock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Folks:

----- Original Message -----  
From: "Rod N0RC" <rod@n0rc.us>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Saturday, April 26, 2003 7:16 PM  
Subject: QRP-TTF de 1/2 of the W0NTA/7 Team

> Yes Virginia there is a WY!

Summary, logs and pictures at:

[http://www.radioactivehams.com/~n0rc/qrp-ttf\\_2003/](http://www.radioactivehams.com/~n0rc/qrp-ttf_2003/)

73, Rod N0RC

-----  
Date: Sun, 27 Apr 2003 17:09:02 -0400  
From: "John L. Sielke" <w2agn@w2agn.net>  
To: qrp-1@Lehigh.EDU  
Subject: [149660] Re: QTTF Results: WQ2RP  
Message-ID: <3EAC46EE.4040704@w2agn.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii; format=flowed  
Content-transfer-encoding: 7BIT

WEll, I was there at Batsto Village with Ken and Joe. To avoid dupe problems, and have more fun, I used my own call. We just "swapped" bands. No handing around the paddles like some "Pesky Texans" are rumored to do ;-)

My results:  
22 QSOs X 19 SPCs X 5 (Single Op Ghost Town) = 2090 + 700 Bonus = 2790

Op: John W2AGN

Rig: K1 with NK0E Serial Sender and GoLog

Antenna: 100' Foot Doublet

Cold and damp, but it was fun. Finally getting the hang of logging with the Palm. Finished up the day with a nice Mexican Dinner with Ken, N2CQ.

John W2AGN

-----  
Date: Sun, 27 Apr 2003 17:12:45 -0400  
From: "John L. Sielke" <w2agn@w2agn.net>  
To: qrp-1@Lehigh.EDU  
Subject: [149661] Re: Snowy TTF  
Message-ID: <3EAC47CD.8030909@w2agn.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii; format=flowed  
Content-transfer-encoding: 7BIT

> Although I had dipoles for 40, 20, and 15, none of them got  
> put up. Using 5 w from the K2 and the 20 m hamstick on the  
> truck, I made 58 QSOs with 26 states and 1 province.

Wow, I guess the bands weren't that bad, as you had a good signal into NJ. Now I don't feel that we had it that cold....

John W2AGN

-----  
Date: Sun, 27 Apr 2003 15:13:01 -0600  
From: "Dave Ek" <ekdave@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [149662] QRPTTF From Lost Creek Wilderness, CO  
Message-ID: <004a01c30d01\$c9c4eb80\$0100a8c0@oldman>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Hi gang,

Steve N0TU, Steve N0MHQ, and I (Dave, NK0E) spent Sat. in the Lost Creek Wilderness, near the Ute Creek Trail, here in Colorado working QRPTTF. What a super time! We only hiked for about 45 minutes to get to our site from the trailhead, but we could have just as well been 20 miles into the wilderness, for we saw nobody else the entire weekend. We hiked in on Saturday morning, and after finding a site and making camp, we hung our antennas and got on the air around 1:30 PM, with only a little over four hours left in the event. N0TU was running his K1 into a Norcal doublet, N0MHQ was running his SST-20 into an inverted Y, and I was running my K1 into a half-size G5RV. 20 meters was really the only band with any real activity when we got on the air, so we kinda took turns working 20 (and checking 40) during the afternoon, taking time off for hiking and enjoying the great outdoors when we weren't on the air.

What a day! A bit breezy, but absolutely fabulous weather--sunny with moderate temps (hot in the sun, cool in the shade). I think I worked more QSO's than the other guys, but only because they made the mistake of going on a hike and leaving me with 20 meters all to myself (heh heh). Highlights included working K1SWL in CT (I wanted to ask him why he wasn't busy getting all those Rock-mites in the mail, but I was afraid he wouldn't see the humor...), AA1MY in ME, N0SXX here in CO, and half the state of CA. Most QSOs were on 20 with a handful coming on 40. Listened on 15 but heard nada.

We spent the night, which was chilly (27 deg at sunrise) but bearable, enjoyed breakfast, and then N0TU showed me a great site for Field Day on another ridgeline just north of our campsite. After an hour's hike, we packed our gear, headed back down the trail, and everyone was home by midafternoon.

Highlights:

- Pancakes before we left for the trail, courtesy of N0MHQ
- Smoked salmon, cream cheese, and crackers for supper, also courtesy of N0MHQ!
- Guinness Stout and a Scottish ale with supper, courtesy of N0TU (we each carried two cans up the trail and then iced them with snow from near our campsite)
- Seeing bighorn sheep in the meadow near our camp
- N0TU's harmonica serenade (which makes for interesting QRM during CW copy... ;-)
- a fabulous moonless night with a clear sky

I hope all your other TTF'ers had as much fun as we did!

73 de Dave NK0E

-----  
 Date: Sun, 27 Apr 2003 17:14:41 -0400  
 From: "John L. Sielke" <w2agn@w2agn.net>  
 To: qrp-1@Lehigh.EDU  
 Subject: [149663] Re: QRPTTF- My 10 cents worth .  
 Message-ID: <3EAC4841.5030606@w2agn.net>  
 MIME-version: 1.0  
 Content-type: text/plain; charset=us-ascii; format=flowed  
 Content-transfer-encoding: 7BIT

> How about a dedicated QROFD some  
 > weekend other than the ARRL event? Possibly in the fall, when we have  
 > our Indian Summers, when the temperature and humidity is down along with  
 > the mosquitoes.

But we do. We still have QRP Afield in September, sponsored by the NE  
 QRP Club. The East Coast (civilized) version. ;-)

John W2AGN

-----  
 Date: Sun, 27 Apr 2003 18:39:04 -0400



From: john <johnmb@nc.rr.com>  
To: qrp-l@lehigh.edu  
Subject: [149664] QRPTTF  
Message-ID: <3.0.3.32.20030427183904.02682730@pop-server.nc.rr.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Didnt make it "TTF" as the storms around here turned the ground into a giant muddy sponge. Operated from home @4W and worked 14 states / 23 Q's.

Did work Paul in Riley (and heard the next station ask him "windy there? "). All were on 20, except for one 15m Q. Vy noisy and stormy here, had to QRT several times because of lightning. QRM was a mess!

Had fun nonetheless, and good to hear all the activity!

73  
John K5MO

-----  
Date: Sun, 27 Apr 2003 18:55:44 -0400  
From: "sslyon" <sslyon@megalink.net>  
To: "qrp list" <qrp-l@lehigh.edu>  
Subject: [149665] Soldering Irons...  
Message-ID: <001901c30d10\$2334b340\$0ac8e742@megalink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I'm not sure how small you want to go, but look up the ANTEX model G3-U. I got mine from M.M. Newman Corp. in MA, along with an assortment of tips. Settled pretty much on the small 'chisel' tip for everything. I've been using it for 2 yrs and like it better than alternatives. The acid test was just completing my almost all SMT "AT-Sprint".... successfully. Add a simple in-line dimmer to provide manual temp. settings for various tasks, solders.

73  
aa1my

Seabury & Sharon Lyon  
99 Sparrowhawk Mtn Rd  
Bethel ME, 04217 U.S.A.  
207-836-2576

Virus Protection by Norton and ZoneAlarm

-----  
Date: Sun, 27 Apr 2003 18:09:39 -0500  
From: "Steve Yates - AA5TB" <aa5tb@arrl.net>  
To: "QRP-L Distribute" <qrp-l@Lehigh.EDU>  
Subject: [149666] A Rock Mite QRPTTF - AA5TB  
Message-ID: <001701c30d12\$1697ded0\$0100a8c0@MAIN>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I operated from the outskirts of the once Dido, Texas (see below). I wasn't too prepared so I just brought out my Rock Mite 40 and used an end-fed halfwave wire that was about 12 feet high at one end and about 6 feet at the far end. I only got to operate for about 2 1/2 hours but I had a blast. There were lots of strong signals. Of course with no AGC and a direct conversion receiver all signals were strong and there were twice as many of them :-). I even had folks answering MY CQ even though I was just using 320mw! I told everyone that I was using a half watt because I wasn't sure until I measured it later. The weather was perfect, 40m was great and I even had a ragchew with Lea, AB5TY. She wasn't in the contest but was going along at about 30 WPM without missing a dit of my 320mw. Towards the end of the contest there must have been another contest because I couldn't figure out why they were giving out exchanges such as PAL and CIT!

I have some photos here if you're interested:

<http://www.qsl.net/aa5tb/qrpttf200301.jpg>  
<http://www.qsl.net/aa5tb/qrpttf200302.jpg>  
<http://www.qsl.net/aa5tb/qrpttf200303.jpg>

Here I have more details about my Rock Mite:

<http://www.qsl.net/aa5tb/rockmite.html>

Here are my particulars:

Single Op Ghost town station  
Dido, Texas (at least that is what I claiming)  
AA5TB  
Rock Mite 40 at 320mw  
End-Fed Halfwave Antenna  
10 QSO's  
3 SPC's  
5 Multiplier

200 Bonus Points (OK and TX)  
Total Score: 350

Here is some information about Dido:

"Founded around 1848 - Dido was once a thriving community named for a mythical Queen of Carthage. The town had its own post office, stores and a promising future until it was bypassed by the railroad in the 1890s.

The most obvious reminder of the former town is the 1,000-grave Dido Cemetery.

In 1887, land was donated for a school, church and cemetery. Additional land was donated in 1894 by Confederate veteran Dr. Isaac L. Van Zandt - the namesake of Van Zandt County.

The earliest grave in the Dido cemetery is that of one-year-old infant Amanda Thurmond (1878-1879) granddaughter of an early settler."

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"There are two stories on the origination of the name Dido. One story is that K. M. VanZandt was trying to train a frisky mare on his family ranch. Mr. VanZandt complained that the mare kept "cutting up Dido" and the name stuck. The other story is that an itinerant teacher, well versed in ancient mythology, named the settlement Dido after the legendary Queen Dido, the queen and founder of the city of Carthage, North Africa."

73,  
Steve Yates - AA5TB

<http://www.qsl.net/aa5tb/>

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Date: Mon, 28 Apr 2003 01:45:19 +0200 (MET DST)  
From: dl6aaf@t-online.de (Uwe Meier)  
To: qrp-l@lehigh.edu  
Subject: [149667] 4th QRP-Minimal-Art-SESSION

Message-ID: <200304272345.BAA00304@joringel.t-online.de>

MIME-Version: 1.0

Content-Type: text/plain; charset=iso-8859-1

Content-Transfer-Encoding: 8bit

From: DJ7ST @ DB0ABZ.#NDS.DEU.EU

26-Apr-2003

QRP-CONTEST-COMMUNITY (qrpcc)

c/o Dr.Hartmut Weber, DJ7ST

Schlesierweg 13 Tel.: +495341-50113

D-38228 SALZGITTER

Germany

Dear YL & OM,

To reach one's goal with minimal consumption of materials demands a feeling for essentials and encourages the art of self-restraint. In the meaning of an active dealing with elementary ham-radio the QRP-CONTEST-COMMUNITY invites you to take part in the

Q R P - M I N I M A L A R T - S E S S I O N (qrp-mas)

-----

Challenge: Contacts to be made with rigs as simple as possible and constructed of as few components as possible.

Date: May 29th, 2003 (Ascencion Day) ; 1900-2300 UTC

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MODE: Single Op CW, Output < 5W or Input < 10W

BAND: 80m CW-Band CALL: (cq) mas de...

CLASS A: TX+RX resp. TRX consisting of not more than 100 components

CLASS B: TX consisting of not more than 50 components, RX as you like

EXCHANGE: RST/Class and number of components, e.g.: 559/B25  
(feel free to exchange name and small talk)

QSO-Pts: Any QSO will be counted 1 point. 4 points will be counted for a QSO with another MAS-stn whose log has been received.

BONUS: You will get bonus-points in percentages if you stay below the limit of components permitted for your class, e.g. a 50% bonus will be added to your final score if you only use 25 components (instead of max. 50) for your TX in class B or only 50 parts for your TRX in class A (instead of max. 100). Correspondingly 90 parts in class A or 45 parts in class B would mean a 10% bonus.

REMARKS: Components will be the following: Resistors, capacitors, coils, diodes, transistors, tubes, crystals, ceramic resonators etc.. Any selective network in the TX output stage will be counted as if consisting of 3 components. For a better suppression of harmonics you are free to use more components - they will not be counted. IC's are permitted as long as YOU(!) can give a specification of HOW MANY single components are integrated. Plugs, connectors, knobs, fastening material etc. will NOT be counted. This also applies to power supply, headphones, speaker, key, antenna etc.

LOGS: Must contain UTC, call of stn wkd, RST sent & rcvd (see EXCHANGE). Please give your callsign, full address and possibly PR-mailbox.

URGENT: A circuit diagram of rig used with NUMBERED (=counted from left to right) components has to be enclosed (and an IC specification if used)! There is no absolute need to indicate kOhm, pF etc. or type. (It is not necessary to send a circuit diagram for a second time, if the same equipment has been used in an earlier QRP-MAS)

DEADLINE: Within 2 weeks after qrp-mas to:  
DJ7ST, Dr. Hartmut Weber, Schlesierweg 13, D-38228 SALZGITTER

- - - - -

The QRP-MAS is rather well-known in DL. But not yet in the neighbourhood. Please help us to improve the degree of fame of this event. We would be pleased to hear many qrp-minimalists from your country.

There are some weekends left for your qrp-mas weekend project: Why not try the "Michigan Mighty Mite" as published in SPRAT No. 105, p.35, built from just 8 components? I have posted "QRP-MAS-Projekte" (a list of other suitable articles mainly from "SPRAT" and "QRP-REPORT") into the Packet-Net some weeks ago. Please find YOUR QRP-MAS-weekend project there.

As the QRP-MAS is no real contest (there is no exchange of control-numbers!), so the frequency-range 3560-3580 is allowed, too. Easy and cheap to get 3.579 kHz-xtals may serve as a basis for newcomers in qrp-minimal-art. In series with a 200pf variable C and an L of about 60-90 H you will obtain a reasonable "frequency-window" from about 3579 down to 3575 kHz.

cuagn in the qrp-mas es best 73/2!

"Ha1", DJ7ST

-----

Date: Sun, 27 Apr 2003 18:54:01 -0700

From: "Nick Kennedy" <nkennedy@tcainternet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [149668] TTF: at first just ghostly ...  
Message-ID: <00a101c30d29\$0acc7ea0\$0400000a@wa5bdu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Tried to work in a little TTF around the Little Rock hamfest, going out to the truck and '706 & screwdriver for some QSOs. A little irony developed--the hamfest had a QRP forum at 1500Z--same time the contest started. As I said earlier, the hamfest is held in an abandoned--hence ghost--shopping mall.

Wouldn't have believed I could experience S8 line noise while mobile, but I did. I even drove to the far end of the parking lot, but it didn't help much. Managed to work a few though: NK9G, N7CEE, KA3WMJ, W5YA, K8CV, K5JS, & AK7Y. I never hear Paul or Doug. I think they make those tall tales up.

The hamfest turned out OK. Couple of guys selling decent parts for homebrewers. You can tell the good parts tables: Homebrewers crowd around like piranha on a cow. It's fun to re-live great parts buys: 100 BNC connectors for \$5. 80-470 pF silver micas for \$1. 170ea 1000uH molded chokes for \$1. But the big triumph was a bag of glass diodes. I didn't bring my magnifying glass and so couldn't read the numbers on most parts, but I took 'em for \$1. Turned out to be about 300 of the now semi-rare ITT 1N34A diodes. Score!

Triumph turns to tragedy. The CW copying contest featured past winners WA5BDU and my old buddy W5RZ going head to head for the first time. Think of Ali Vs Foreman, Pat Garrett Vs Billy the Kid, Godzilla Vs Mothra. All these clashes pale in comparison to ours. I'd like to say it went to the wire, but I went down in flames way too early. I got a certificate for 45 WPM. Dennis did 50 without much trouble and probably could have done 55. I was gracious in public, but privately I've sworn a blood oath for revenge and hope to do much better preparation for next time.

Still didn't have enough homebrew parts. Stopped off at a shop in North Little Rock and picked up a sack of ingredients that are supposed to allow me to reproduce Newcastle Brown Ale. Life is good. A fun day split several ways.

72--Nick, WA5BDU

-----  
Date: Sun, 27 Apr 2003 17:15:55 -0700  
From: "William Phinizy" <k6whp@verizon.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Cc: "wb6jdh \"(Dick Palmer)\" <wb6jdh@catalina-inter.net>,  
"k6bnc \"(home)\" <wn.chambers@verizon.net>,  
Subject: [149669] Re: QRPTTF- My 10 cents worth .  
Message-ID: <004301c30d1b\$7022e900\$e863e043@sydelpgnr79gmd>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Bill/w7kxb wrote: Attn: All QRPTTF operators. The ARRL FD is here in about eight weeks. I know many of us on qrp will be out there for the festivities. How about a dedicated QROFD some weekend other than the ARRL event? Possibly in the fall, when we have our Indian Summers, when the temperature and humidity is down along with the mosquitoes. Since we do it with less, why not do it more often?

=====

====

This is a great idea. We are blessed in SoCal with moderate weather (so much so that we are wimps, I fear) and CC&Rs. So, whenever there's a contest, we hightail it to a local park, sling up an antenna or two and whang away. This mode could be accommodated simply by having the sponsors of any QRP contest offer a bonus or multiplier to those "out-standing in their fields".

Variations on this theme would be to give a bonus of 100 points for any QROer you dragged along with you, 200 points if you had to listen to such abusive brickbats as "life's too short for QRP" while you were operating, and 1,000 points if you could convert him to low power operation (a copy of his sales receipt for the K1, K2, FT-817, etc. would be proof).

Seriously, it's a good idea, Bill!

-----  
Date: Sun, 27 Apr 2003 19:37:44 -0500  
From: Bill Stietenroth <k5zty@juno.com>

To: qrp-1@lehigh.edu  
Subject: [149670] QRPTTF soapbox  
Message-ID: <20030427.193756.-1137597.1.k5zty@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings to all you Ghost Busters,

It was a beautiful day here in Houston, I wish the band conditions would have been as good. Band condx or not it is always fun to take the portable gear out into the field and play radio. Dan, KK5LD(clean sweep fox hunter) and I went to Memorial Park in Houston, the site of WWI Camp Logan, and set up 2 K2 stations on battery power with 3 antennas. We put up a TA32JR and a 15 mtr stacked dipole array on push up poles and strung a 40 mtr dipole in the trees. Took about 2 hours to set up but time flys when you are having fun. The Houston QRP Club was supposed to have it's April meeting as an outing in the park but no one showed up so Dan and I had the place to ourselves. Great fun to work the ghost town stations listed in Doug's QRP-L postings. Worked some of the Subs On The Air guys too. We made 145 Qs, 49 SPCs, 5 location mult, 900 bonus points, for a score of 36,425  
Thanks to Jan, N0QT, and NORCAL for putting this one on. Looking forward to next year already.

Bill, K5ZTY  
Houston,TX  
k5zty@juno.com

-----  
Date: Sun, 27 Apr 2003 17:51:46 -0700  
From: "Doug Hendricks" <ki6ds@dospalos.org>  
To: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [149671] QRPTTF Log  
Message-ID: <015a01c30d20\$59fca530\$1fdbd7a8@DOUG>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Had a super time Saturday during QRPTTF. I went out with Dave Fifield and Paul Maciel. Mike Gipe was supposed to join us, but was unable to make it. We set up at Alviso State Marina, which is an old abandoned marina on the San Francisco Bay. Dave F. got some great shots, and he will be posting them



later to a website.

We used two of Vern Wright's Super Antenna Aluminum collapsible poles, and fellows, they are super easy to use. We found two posts about 70 feet apart, Dave had premade a 65' dipole, and we attached it to one pole and a rope and pulley attached to the other, and hoisted the whole thing up 21'. It was simple, easy and was done faster than I can type this. We started out using Dave's 4 band K1, but it went south after 3 contacts. Would only put out .1 W!! Got out the backup rig, a Yaesu 897, and we were on our way.

The weather was perfect, and we spent 5 hours operating. Got tired at 4:00, and decided to call it a day and go to Armadillo Willy's for some barbecue. We did, and watching Dave Fifield eat a Belly Buster Plate was something to see!! The three of us made about 100 qso's. We were on 20 most of the time, but did venture down on 40 a couple of times. Good thing, because that is where we worked Bob Tellefsen, N6WG. He had the loudest signal on the band. I made more qso's this contest than any other that I can remember. Of course, I didn't have Paul Harden distracting me either, grin. I think Paul will say the same thing about me when he posts his results.

Here are the stations that I worked: N6WG, W0NTA/7, K7RE, W5YA, AD6QI, KJ5S, VA6RF, K6UIZ, K7GT, N0SXX, KB0LUR, WB0WQS, K10II, AE6IQ, AK7Y, N7KE, N7MFX, AD6A (had a horrible signal, grin), NB7M, W0EA/7, KN5TX, W0LK, W7ILW, W5GIX, K7TQ, KQ6XA, AA1MY, NA5N, N0QT, WD7Y, and NK6A. Lots of fun working old friends and meeting new ones on the air. It was really neat to work Kelly, WB0WQS, who is a good friend. I always see him at Arkiecon, but he could not make it this year. So it was neat to work him. Plus a thrill to work Paul and Jan in Riley. I asked Paul about the wind, grin. Hope you did too. Seab worked really hard to pull me out of the mud, so did Randy up in Idaho. Best fist was the operator at KN5TX, worst was AD6A, grin. Allen Taylor stole my frequency!! I gotta remember that and get even the next contest. Paul and Dave loved it, and had a good laugh at my expense.

My score: 31 qsos x 18 SPC's x 5 location + 400 Bonus = 3190 pts (+ about 4 million bonus points for the fun I had.)

Some guys were complaining about the bands. Hey, we heard lots of signals all day long. We were constantly working stations. We called CQ and did the search and pounce thing. We passed the paddles up and down the line. I would call CQ, work the station, then Paul would work him, then Dave. Do you realize that if you did that in any other contest, the qso police would have a cow, and you would be DQ'd in a heartbeat. Not in a NorCal QRPTTF contest, nope, the idea was to have fun, and that is what I did. Thanks to all who answered me and put up with my code. Thanks to Jan for all the work that she did, and thanks to all of you who made this a huge success in my book. 72. Doug, KI6DS

-----  
Date: Sun, 27 Apr 2003 21:19:12 -0400  
From: "cal.jsi" <cal.jsi@verizon.net>  
To: "QRP-L" <qrp-l@Lehigh.edu>  
Subject: [149672] QRP Afield - Fall QRP Operating Event  
Message-ID: <001301c30d24\$2d4a65a0\$fc53fea9@Sharon>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Don't forget about QRP Afield. It's a fall event and actually predates QRPTTF, I think. And, if I recall correctly, the sponsoring organization is the New England QRP Club.

I think it wouldn't be a bad idea to develop more participation in QRP Afield.

72/73

Cal K4JSI

-----  
Date: Sun, 27 Apr 2003 20:28:33 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: <aa5tb@arrl.net>,  
      "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [149673] Re: A Rock Mite QRPTTF - AA5TB  
Message-ID: <008701c30d25\$7cc2ad30\$0401a8c0@PS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Steve, we at KN5TX could not believe such a signal from a RockMite! You were an honest S9 here north of Dallas. Beautiful signal as well.

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas  
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE  
"In the 57th year and it just keeps getting better!"  
<mailto:w5yr@att.net>

----- Original Message -----

From: "Steve Yates - AA5TB" <aa5tb@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Sunday, April 27, 2003 6:09 PM  
Subject: A Rock Mite QRPTTF - AA5TB

> I operated from the outskirts of the once Dido, Texas (see below). I  
> wasn't too prepared so I just brought out my Rock Mite 40 and used an  
> end-fed halfwave wire that was about 12 feet high at one end and about 6  
> feet at the far end.

-----  
Date: Sun, 27 Apr 2003 20:43:06 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: <w2agn@w2agn.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [149674] Re: QTTF Results: WQ2RP  
Message-ID: <00c601c30d27\$84df2cd0\$0401a8c0@PS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Just once, John, for a good friend!

73/72, George  
Amateur Radio W5YR - the Yellow Rose of Texas  
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE  
"In the 57th year and it just keeps getting better!"  
<mailto:w5yr@att.net>

----- Original Message -----

From: "John L. Sielke" <w2agn@w2agn.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Sunday, April 27, 2003 4:09 PM  
Subject: Re: QTTF Results: WQ2RP

> Well, I was there at Batsto Village with Ken and Joe. To avoid dupe  
> problems, and have more fun, I used my own call. We just "swapped"  
> bands. No handing around the paddles like some "Pesky Texans" are  
> rumored to do ;-)  
>  
> My results:  
> 22 QSOs X 19 SPCs X 5 (Single Op Ghost Town) = 2090 + 700 Bonus = 2790  
>  
> Op: John W2AGN  
>  
> Rig: K1 with NK0E Serial Sender and GoLog  
>  
> Antenna: 100' Foot Doublet  
>  
> Cold and damp, but it was fun. Finally getting the hang of logging with  
> the Palm. Finished up the day with a nice Mexican Dinner with Ken, N2CQ.  
>  
> John W2AGN  
>

-----  
Date: Sun, 27 Apr 2003 20:02:04 -0700  
From: "JT Croteau" <jt@geekopolis.com>  
To: "'Low Power Amateur Radio Discussion'" <qrp-1@lehigh.edu>  
Subject: [149675] Yaesu FT-7 Opinions  
Message-ID: <049101c30d32\$8cab7a80\$2d01a8c0@acropora>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="us-ascii"  
Content-Transfer-Encoding: quoted-printable

Anyone ever play with an FT-7? Other than it being absolutely ugly  
(IMO), I don't know too much about the rig. But, one popped up on eBay  
and I'm still looking for some kind of new QRP rig.

Thanks

- JT

-----  
Date: Sun, 27 Apr 2003 20:46:55 -0700 (PDT)  
From: Gary Slagel <gds slagel@yahoo.com>  
To: QRP L <qrp-1@Lehigh.EDU>  
Subject: [149676] N0SXX QRPTTF Pictures and Log

Message-ID: <20030428034655.20618.qmail@web11603.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

After a long battle web page software... web page  
provider... ftp utility.. etc, etc, etc... I've got  
some pics of qrpttf from Colorado and my Log on line  
at:

<http://gdslagel.bravepages.com/qrpttf2003/qrpttf2003.html>

Please take a look and see if my log says the same  
thing as yours!

PS - My apoligies to Seab up in NH for calling him Abe  
in an earlier post. Got so excited working NH that I  
lost my head!

=====

Gary Slagel/N0SXX  
Conifer, CO 80433  
[gdslagel@yahoo.com](mailto:gdslagel@yahoo.com)  
Personal Website: <http://gdslagel.bravepages.com>

-----  
Do you Yahoo!?  
The New Yahoo! Search - Faster. Easier. Bingo.  
<http://search.yahoo.com>

-----  
Date: Sun, 27 Apr 2003 22:52:35 -0500  
From: "Burl A. Keeton" <n5duq@juno.com>  
To: [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)  
Subject: [149677] RE: Patcomm Radio  
Message-ID: <20030427.225236.-617489.4.n5duq@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi gang,

Have any of the gang bought one of the Patcomm radios. Looks like it  
might be nice 2 banders. If you are interested in the infor go to  
[WWW.patcommradio.com](http://www.patcommradio.com) and see the specs on the PC-500. Price \$395.00

-----  
Date: Sun, 27 Apr 2003 22:56:10 -0500  
From: "Burl A. Keeton" <n5duq@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [149678] RE: Unfinished post regarding Patcomm Radio,  
Message-ID: <20030427.225611.-617489.5.n5duq@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Sorry about the unfinished post.

Anyway, I have been looking at the rig and was wondering if anyone would admit owning one. Hi Hi. Looks interesting to me. They did have an add in the ARCI QQ inside front cover for sometime. They still have the web site so they are shipping.

Any comments would be appreciate.

Burl N5DUQ OKLA OK

n5duq@juno.com

-----  
Date: Sun, 27 Apr 2003 23:36:26 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: <ki6ds@dospalos.org>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [149679] Re: QRPTTF Log  
Message-ID: <013b01c30d3f\$bcc28030\$0401a8c0@PS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Doug, forgive me, but I just can't resist bragging just a little over your compliment:

" Best fist was the operator at KN5TX . . ."

That lucky op was yours truly, George, W5YR.

Thanks for the kind words, Doug! At 73, I marvel that these old fingers can

still work those paddles . . .

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

"In the 57th year and it just keeps getting better!"

<mailto:w5yr@att.net>

-----  
Date: Sun, 27 Apr 2003 23:47:42 -0500  
From: "Doc K0EVZ" <dock0evz@earthlink.net>  
To: "qrp-l reflector" <qrp-l@lehigh.edu>,  
"Elecrafft " <elecrafft@mailman.qth.net>  
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>  
Subject: [149680] K0EVZ QRPTTF  
Message-ID: <412003412844742199@earthlink.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Gang:

A quick report re QRPTTF. I set up in Arena, ND, a small town close to Bismarck. The town has been abandoned for probably four or five years. I don't have too many details re the history. Ironically, the only sign of "life" is a well-tended cemetery [g].

Log shows 60 QSOs, all of them on 20. Antenna was the usual "Inverted WYE" GP

taped to an SD-20 fiberglass with 3 above ground radials. Had hoped for a better rate than 10/hour, but there it is. OTOH, band conditions were better than I have seen in a couple of weeks. The 70+ WX was warm and muggy, but luckily there were no mosquitoes or biting flies.

Rig was the four-band K1 at 5 watts. I tried another rig for a short time, but Bill K5ZTY reported off-frequency key clicks (thanks Bill), so I quickly returned to the K1. This little rig is simply fabulous, highly recommended. Mine has been absolutely reliable and wonderful to use from the beginning.

The band was up and down all day. Some of the time there were some prodigious QRP signals, true 599+. There were also some periods with no callers during the last hour, but I stayed with it for exactly 6.0 hours. Because of a constant S-6 QRN level all afternoon I simply could not dig everyone out. Sure hated to pull the plug, but it was time, plus dark clouds were approaching fast. Thanks to all who dropped by.

I don't often submit a log, but believe I will this time. As always QRPTTF was a great event, not to be missed. Thanks to Jan and Norcal for it.

73,  
--Doc/K0EVZ

-----  
Date: Sun, 27 Apr 2003 22:45:59 -0700  
From: "John Paul Dooley" <portscom@hotmail.com>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [149681] Strange CW Transmission copied on 12 Mhz (????)  
Message-ID: <Law9-0E29C9guA8M6XQ00004e97@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Wondering if anyone has copied this transmission down around 12.916.50 at around 0545Z:

CQ CQ CQ DE HLF HLF HLF QSX 12 MHZ K  
Just curious,  
Thanks,  
John W6ZIP

-----  
Date: Sun, 27 Apr 2003 23:32:32 -0700  
From: "Dave Fifield" <dave@redhotradio.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [149682] QRPTTF Report - Pictures - Video!!  
Message-ID: <003901c30d4f\$f3466440\$0200a8c0@AD6A>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit



Howdy folks,

Hope y'all had great fun playing radio on QRPTTF day!  
We certainly did. A great big thank you to Jan for organizing the contest again this year. This one, and the CQ Boo contest in the fall are my two favorite contests.

Rather than bore those who aren't interested in the contest, I spent some time today putting together a little website with the story, some pictures and a short video of our QRPTTF effort at Alviso Marina. You can check out the fun at:

<http://www.ad6a.com/QRPTTF2003.html>

I think I worked about 35 stations - I still have to check my log and see. I'll post my actual results later.

Cheers for now,  
72, Dave, AD6A

-----  
Date: Mon, 28 Apr 2003 03:30:46 -0400  
From: "George Heron N2APB" <n2apb@erols.com>  
To: "EPA-QRP" <EPA-QRP@yahooogroups.com>,  
"NoVAQRP" <NoVaQRP@topica.com>, "QRP-L" <qrp-l@lehigh.edu>,  
Subject: [149683] All HC908 Daughtercards now shipped  
Message-ID: <000b01c30d58\$507df120\$b70aa8c0@GHLTP4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

This weekend marked the third and final batch of shipments of HC908 Daughtercards being made ... and they're now ALL SHIPPED!

Loads of terrific new material has been added to the HC908 Resource page (<http://www.njqrp.org/hc908/resource.html>), including details for downloading the free applications (editor/assembler, terminal program, and CodeWarrior 'C' compiler). Plus, a detailed application note has been posted describing file organization for efficient use.

Now homebrewers can get on to developing the QRP projects that've been described all along with the HC908 Daughtercard. Projects like ... Antenna Analyzer, Digital Breadboard, VFO, FT-817 Commander, Keyer, DMM, and more!

73, George N2APB n2apb@amsat.org

for the NJQRP at [www.njqrp.org](http://www.njqrp.org)  
HC908 Daughtercard at [www.njqrp.org/hc908](http://www.njqrp.org/hc908)  
HC908 Resource Page at [www.njqrp.org/hc908/resource.html](http://www.njqrp.org/hc908/resource.html)

-----  
Date: Mon, 28 Apr 2003 11:59:18 +0200  
From: "Peter Zenker" <DL2FI@t-online.de>  
To: <qrp-l@lehigh.edu>  
Subject: [149684] Sparrow manual  
Message-ID: <002301c30d6c\$d5d21590\$2500a8c0@dl2fi>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="us-ascii"  
Content-Transfer-Encoding: 7bit

I have to excuse because I uploaded a 72 dpi testversion of the sparrow manual at Friday. The schematics are horrible to read. A few seconds ago I uploaded a 600 dpi PDF file (2.7 Mbyte)

73 de DL2FI, Peter  
\*\*\*\*\*  
DV Berlin im DARC e.V.  
[www.dl-qrp-ag.de](http://www.dl-qrp-ag.de)  
[www.qrpproject.de](http://www.qrpproject.de)

-----  
Date: Mon, 28 Apr 2003 12:12:13 +0200  
From: "Peter Zenker" <DL2FI@t-online.de>  
To: <qrp-l@lehigh.edu>  
Subject: [149685] English manuals for the German 8 band SW TRAMP and 2mSSB/CW HOHENTWIEL are ready  
Message-ID: <002901c30d6e\$a3a85eb0\$2500a8c0@dl2fi>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="us-ascii"  
Content-Transfer-Encoding: 7bit

More then a year we missed an english manual for this two great little rigs. Now we got a translation from Peter, OZ5DW within a couple of

days. Great help of a Danish OM for the German QRP Group making our manuals available for english speaking HAMs. HAM spirit is still alive.

It will take some days to do all the Layout work now, but I am sure to be ready end of this week.

72 de Peter, DL2FI

-----  
Date: Mon, 28 Apr 2003 07:54:53 -0400  
From: "Royce Simmons" <w2rbn@prodigy.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [149686] OT: Packet manual  
Message-ID: <006d01c30d7c\$fc9a9200\$b8294b43@roycesim>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello All,

Does anyone have a copy of the ARRL book "Practical Packet Radio" , order number 5307 they would like to sell?

Thanks,

Royce

-----  
Date: Mon, 28 Apr 2003 08:20:23 -0400 (EDT)  
From: "n2cx" <n2cx@voicenet.com>  
To: qrp-l@lehigh.edu  
Subject: [149687] QTTF at Batsto  
Message-ID: <200304281220.h3SCKNx26462@email1.voicenet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1

Gang,

The location was great but the weather did not exactly cooperate!

Under the conditions we had a rather light turnout. Guess that is no big surprise....

In attendance were the ever-reliable Ken, N2CQ and John, W2AGN with their stations ready by 10 am. They had set up in a covered area in the picnic grove and were already checking out their stations. I decided that discretion was the better part of valor so set up out of the breezes and drizzle in my car.

As 11 am rolled around Ken and John were cranking away on 20 and 15, John as W2AGN and Ken with the club call, WQ2RP. I puttered around on 40 using the club call. Ken reported that most of the stations he worked were either europeans or 4-landers in the Florida QSO party.

Deciding that given the conditions I needed a better skywire than a hamstick, I borrowed a 40 meter quarter wave wire from Ken and ran a sloper from the car to a nearby tree - at least there were plenty of those!

About that time Rich, K2CPE showed up to give some moral support take some pix - thank you Rich!

Ken and John carried on after I had to leave and Ken really cranked 'em out thereafter. While I worked nearly all I could hear on 40 - all of 5 stations, Ken snagged almost 20 more! Plus a bunch on 20 and a lone straggler on 15 - he is a master and digging them out.

All things considered it was not a terrible day for QTTF, but a poor one for a club meeting. OTOH this location should be excellent for other outdoor operating events. Thanks to all who came, and particularly to John for suggesting this place.

72/73,

Joe E., N2CX

-----  
Date: Mon, 28 Apr 2003 06:33:54 -0700  
From: pmurphy <w6wy@citlink.net>  
To: portscom@hotmail.com,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [149688] Re: Strange CW Transmission copied on 12 Mhz (????)  
Message-ID: <5.0.2.1.0.20030428063036.00a289c0@pop3.norton.antivirus>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

John: My Confidential Frequency List shows that it is a marine coastal station located in Seoul, South Korea.

73--Pete W6WY

At 10:45 PM 4/27/03 -0700, John Paul Dooley wrote:

>Wondering if anyone has copied this transmission down around 12.916.50 at  
>around 0545Z:

>CQ CQ CQ DE HLF HLF HLF QSX 12 MHZ K

>Just curious,

>Thanks,

>John W6ZIP

-----  
Date: Mon, 28 Apr 2003 09:11:57 -0500

From: "Walter AG5P" <walter@accessus.net>

To: <qrp-1@lehigh.edu>, <n5duq@juno.com>

Subject: [149689] RE: Unfinished post regarding Patcomm Radio,

Message-ID: <002b01c30d90\$21addd00\$d5466ad8@default>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Burl,

Yes'sir, I have a PC-500 and it works very nicely on  
CW and SSB. Nice thing about the rig, is that you don't  
need a programming card to figure out how to operate  
it. All the control are on the front panel and the variable  
bandwidth filter does work just like they claim. Used  
the rig at field day last year and it was a pleasure.

There are several qrp-1 list members that have the rigs.

You might check <http://www.eham.net> under equipment  
reviews, there is a reflector at <http://www.groups.yahoo.com>  
and try <http://www.google.com> and type in patcomm pc-500,  
these should give you some readings and thoughts.

One thing you might pick up on in reading some reviews is that  
the PC-500 did not do very well in a national organization's  
product review, and neither did Ten-Tec, so that leaves me  
to wondering if the rigs are flawed or the is the review flawed!

72 / 73...Walter - AG5P.....Wright City, MO

-----  
Date: Mon, 28 Apr 2003 10:23:43 -0400  
From: ae5x@netscape.net (John Harper AE5X)  
To: qrp-1@lehigh.edu  
Subject: [149690] 10-turn pot for Norcal 40A - which one is the best fit?  
Message-ID: <58B5488F.67723C04.00003ABB@netscape.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

Good morning,

I know a number of folks have replaced the stock tuning pot in their NC40's with a 10-turn pot for better resolution. I'm wanting to do the same and was wondering which pot is commonly used and whether or not it is a direct (same fit) drop-in replacement? There are a number of different 10t pots listed in Mouser's latest catalog, even some 3t and 5t ones that may even be a better choice.

Thanks and 73,

--  
John Harper AE5X  
80 Meter DXing & Outdoor QRP: <http://www.ae5x.com>

-----  
Try AOL and get 1045 hours FREE for 45 days!  
<http://free.aol.com/tryaolfree/index.adp?375380>

Get AOL Instant Messenger 5.1 for FREE! Download Now!  
<http://aim.aol.com/aimnew/Aim/register.adp?promo=380455>

-----  
Date: Mon, 28 Apr 2003 15:52:19 +0100  
From: "Ray Goff" <radioham@gmx.co.uk>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [149691] QRA Locator software.  
Message-ID: <002901c30d95\$d4667b00\$9abc6751@starfishrcg>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi,

I am looking for any software that can calculate the distance between two stations based on their QRA locators.

Ideally, I would like the source code so that I can integrate it into some software I am writing.

Any links/suggestions would be appreciated.

73

Ray, G4FON

-----  
Date: Mon, 28 Apr 2003 10:51:19 -0400  
From: brewerj@squared.com  
To: qrp-1@lehigh.edu  
Subject: [149692] Doug Hauff url/email?  
Message-ID: <0FED0782CC.ED7A28C6-ON85256D16.00516B68@CIS.SQUARED.COM>  
MIME-Version: 1.0  
Content-type: text/plain; charset=us-ascii

Trying to find a working link to a web page. I had [www.fix.net/~slmachco](http://www.fix.net/~slmachco) but no go!

Anyone have a pointer that works, to email or web page?

Thanks  
John K5MO

-----  
Date: Mon, 28 Apr 2003 11:09:52 -0400  
From: Ed Lawson <k1vp@grizzly.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [149693] Patcomm Radio,  
Message-ID: <3EAD4440.9080808@grizzly.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

Burl:

I have used a PatComm 500 for over a year now and I like it quite a bit. My opinions are:

1. The receiver is excellent. It is quite sensitive and while not super selective, the selectivity is certainly OK and similar to the TT Scout. You turn the knob to the narrow the bandwidth to the extent desired. I find that at the narrowest setting to be equal to the 500Hz filter in my Icom 718 and the front end to be better than the 718. I too have used it at FD and we ran it at the GOTA station which meant it was operating on the same band as a CW and SSB station within a hundred feet or two. It did quite well in that environment.
2. The receiver has a very nice clean sound, but there are a few spurs around and with headphones you may get a little noise at each step. Overall, it is very easy to listen to signals both CW and SSB as they sound clean. It has the sound in many respects of the better QRP kit rigs which is to say it sounds better than most mid range commercial ham rigs not only on CW but SSB too.
3. The controls are simple and direct so it is easy to use. It might take a few minutes to get used to the fact the display gives you both TX and RCVR freq., but it makes working split breeze. Also it is able to check or listen to the TX freq. while working split very quickly and easily which is a nice touch. RIT is a little confusing and I don't use it much. I especially like the operation of the PREAMP and ATT. They seem to provide the right amount of adjustment for most situations. Unlike some rigs, when you activate the PREAMP, the signal becomes stronger and more readable instead of just getting everything louder with the signal still mired down in the noise. It is really a pleasure to operate given the simple controls and the effectiveness of them.
4. It is like TT rigs in the sense it is not a duplicate in appearance and operation to the typical Japanese radio and thus it has a "personality" which is unique. You may or may not like that aspect.
5. I use an external keyer so I cannot comment much on keyer built in. Seemed to work OK.
6. The SSB performance is really very good and the "punch" of the radio on SSB appears to be remarkable. I have worked some serious DX and DXExpeditions with it on SSB using a wire antenna.
7. I had very good luck with it on PSK31, but do not use that mode all that often so YMMV.
8. It is obviously not the equal of a big kilobuck rig for contesting, but it is a very solid rig with excellent performance. The company is nice



to deal with and responsive to questions. Overall a great deal at \$395. I find myself using it much more often than either the 718 or the OHR 500 that are in the shack and ready to go too. Suffice it to say I have two more modules on order. I understand they are moving right now and it will be a week or two before production picks up again.

Ed Lawson  
K1VP

-----  
Date: Mon, 28 Apr 2003 11:07:41 -0400  
From: "KB9BVN" <brian@iquest.net>  
To: "Flying Pigs" <fpqrp-l@fpqrp.com>, "QRP-L" <qrp-l@lehigh.edu>  
Subject: [149694] Call for articles  
Message-ID: <003401c30d97\$ed08b720\$4505020a@cincom.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Once again it's time for the Flying Pigs QRP Club International to release another monthly newsletter.

If you have pictures, articles, or prose related to ham radio, QRP radio, or anything Flying Pig, please submit them to me as soon as you can. I'd lie to get the issue out by the end of the wee.

72 es TNX

=====  
KB9BVN/QRP - New Whiteland IN - EM69WN  
QRP-ARCI #10223 QRP-L #1540 FIST #5695  
FISTS CC #764 - Proud Member ARRL  
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W  
INTO INFAMOUS AF4PS ATTIC DIPOLE  
SOC #400 AND FLYING PIGS QRP #-57  
=====

-----  
Date: Mon, 28 Apr 2003 11:24:54 -0400  
From: "Ken Newman" <N2CQ@Dandy.Net>

To: "N4S0" <N4S0@Juno.com>, "Norm Into" <normk8ni@neo.rr.com>,  
"W3BG" <W3BG@arrl.net>, "NJ-QRP Club" <NJQRP@njqrp.org>,  
Subject: [149695] NJQRP Homebrewer Sprint: Last Call For Logs  
Message-ID: <070a01c30d9a\$5766deb0\$0b0a0a0a@kensdell>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Sprinters,  
Last call for logs for the Homebrewers Sprint, Folks!  
Lots of good QSOs made but logs not submitted.  
I'd appreciate yours for future Sprints too. If you  
would send one in it would put you on the prize  
consideration list. All will receive an award too.  
For the details to enter, look at:  
<http://www.njqrp.org/data/qrp-homebrewers-sprint.html>

If you are entering by mail, let me know via e-mail  
so I can wait for the snail to get here.

72 de Ken  
N2CQ@ARRL.NET

-----  
Date: Mon, 28 Apr 2003 08:35:08 -0700 (PDT)  
From: Richard Fisher <ki6sn@yahoo.com>  
To: QRP-L Reflector <qrp-l@lehigh.edu>  
Subject: [149696] Now Showing - The ARS Sojourner  
Message-ID: <20030428153508.95635.qmail@web12103.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

The April edition of the Adventure Radio Society's monthly web  
magazine, The ARS Sojourner, is hot off the virtual press, free and  
just a click away at:

<http://www.natworld.com/ars>

Here's a look at this month's content:

- + On The Edge: QRP Afield from the Rim of the Grand Canyon, By Bruce Grubbs, N7CEE
- + Paddling and Coupling the Rock-Mite 40 for the Field, By Steve Yates, AA5TB
- + Lighten Up: A New Entry on the Paddle Panorama, By Seab Lyon, AA1MY
- + From Our Vantage Point, The ARS Sojourner

- + Looking Ahead: ARS' 2003 Calendar of On-Air Events
- + Who's Who and Who's New: New Members of the Adventure Radio Society, by Richard Fisher, KI6SN
- + A reminder: Revised Spartan Sprint Weight Rules
- + Results and soapbox comments from the April Spartan Sprint, including special recognition to division champs AA1MY and N4BP
- + Spartan Sprint Certificates
- + Spartan Sprint Logger (Updated), by John Huffman, NA8M
- + The Wilderness Alerts regularly updated

On behalf of ARS webmaster Charlie Wilber, N1AOK, contest manager John Huffman, NA8M, The ARS Sojourner staff and contributing writers, we hope you enjoy this edition. As always, we appreciate your feedback and editorial contributions for coming editions.

Vy 72,

Richard Fisher, KI6SN  
 Executive editor, The ARS Sojourner  
 Riverside, CA  
 KI6SN@yahoo.com

-----  
 Do you Yahoo!?  
 The New Yahoo! Search - Faster. Easier. Bingo.  
<http://search.yahoo.com>

-----  
 Date: Mon, 28 Apr 2003 11:38:49 -0400  
 From: David Hinerman <WD8CIV@worldnet.att.net>  
 To: qrp-l@lehigh.edu  
 Cc: brewerj@squared.com  
 Subject: [149697] Re: Doug Hauff url/email?  
 Message-ID: <5.1.1.6.1.20030428113644.00a6cd90@ipostoffice.worldnet.att.net>  
 Mime-Version: 1.0  
 Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:51 AM 4/28/2003 -0400, you wrote:  
 >Trying to find a working link to a web page. I had [www.fix.net/~slmachco](http://www.fix.net/~slmachco)  
 >but no go!  
 >  
 >Anyone have a pointer that works, to email or web page?

John,

Try this one:

<http://www.americanmorse.com>

Dave

-----  
Dave Hinerman

WD8CIV@worldnet.att.net

-----  
Date: Mon, 28 Apr 2003 17:44:24 +0200

From: "C. Mulder" <cmulder@wanadoo.nl>

To: <qrp-l@Lehigh.EDU>

Subject: [149698] Re: QRPTTF Log

Message-ID: <000801c30d9d\$0be528e0\$02c8c8c8@Zolder01>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hello all,

I have been searching the 20m band around 14.060 all the time for some weak sigs from the States. At 19:05 UTC I worked the first station that joined a QRP contest. I suppose the TTF. Around 22:00 (midnight here in The Netherlands) I switched off my homebrew NC20 and new (also homebrew) Palm mini-paddle also made from PC-board just like my previous design. (see my homepage for pictures).

Sigs were very weak and the neighbours computer was turned on (&^%\$@#) so my log is poor but I worked:

W4GGM - AA1MY - W1PID - K1SWL - KA3WMJ - AB2KT -> QSL-cards are send via the buro.

To hear some of your activitys I was forced to use my 3el yagi. Not a QRP solution, I know, but for the stations above an opportunity to work DX.

Good luck in 2004, I will be listning for all of you.

72, Carel - PA0CMU

-----  
<http://home.wanadoo.nl/cmulder>

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Date: Mon, 28 Apr 2003 09:30:58 -0700  
From: Jerry Haigwood <w5jh@swlink.net>  
To: QRP-L Reflector <qrp-l@lehigh.edu>  
Subject: [149699] QRPTTF Report for K5JS and W5JH  
Message-ID: <3EAD5742.DEE9FA67@swlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

John Stevens, K5JS, and I, W5JH, didn't decide to participate in QRPTTF until Friday afternoon (04/25/2003). We were waiting on our day passes from the bosses :-). Because of the late start, we decided to set up at nearby ThunderBird Mountain Park in Glendale, AZ. I am not aware of any nearby ghost towns, but this park is quite large (maybe 500 acres) and has great views of the surrounding area and maybe something use to live here. It is a very popular hiking area with miles and miles of trails. We set up at one of the ramadas on the back side of the park. I brought my 27 foot mast and some refreshments and John brought the radios and a 44 foot dipole fed with twisted pair. It took us longer than usual to set up because I forgot to bring the guy anchors. We made do by using some Arizona rocks to secure the pole. By 9 AM we were on the air. We worked stations at a leasurely rate stopping to talk to the hikers that were curious as to what we were up to. We used John's call K5JS and switched operators off and on throughout the morning. We weren't there for more than an hour when the park ranger came by and checked us out. He was curious and asked a lot of questions about radio. He talked for a good hour! Finally, he left and we were able to work a few more stations. The highlight of the day was working the KI6DS and group. K7GT and W5YA were the loudest stations heard. They were like beacons - always there. I think we worked a total of 26 stations before breaking everything down at 12:15 PM or so. It was great day to be out playing radio. The Sun was out, not a cloud in the sky and the temperature was around 85-88 degrees. It doesn't get a lot better! Pictures can be seen at:  
<<http://www.w5jh.org>> Scroll down to "QRPTTF 2003."

73,

Jerry haigwood W5JH

-----  
Date: Mon, 28 Apr 2003 12:32:05 -0400  
From: Michael Babineau <michael.babineau@sympatico.ca>  
To: qrp-l@Lehigh.EDU

Subject: [149700] FT: OHR 30M Rig for a small 40M Monobander  
Message-ID: <F2DD495D-7996-11D7-8AAD-00039309268A@sympatico.ca>  
Mime-Version: 1.0 (Apple Message framework v552)  
Content-Type: text/plain; charset=US-ASCII; format=flowed  
Content-Transfer-Encoding: 7bit

Folks :

After doing a quick shack inventory I find myself with an excess of 30M Monoband CW Rigs and would like to propose a trade for an SW40 or SW40+ or perhaps a 40M MFJ Cub. I might consider another 40M rig but I am really looking for something ultra-compact for portable operation from AA cells.

What I have to offer is either :

OHR Explorer (30 M) - this is the original Explorer, not the Explorer II  
or

OHR Sprint II (30 M) - this is OHR's take on the W7EL Optimized Transceiver.  
(It has a DC receiver but it is excellent)

I built both of these rigs myself with great care.

Drop me a email note if you are interested.

Michael VE3WMB

P.S. I have the manuals for both of these Rigs.

-----  
Date: Mon, 28 Apr 2003 12:55:48 -0700 (PDT)  
From: Stewart Bowers <stewbow@yahoo.com>  
To: qrp-1@Lehigh.EDU  
Subject: [149701] QRPTTF  
Message-ID: <20030428195548.22701.qmail@web11308.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

>From Stew(WB6FBB)and Dave(W5EMD)

We selected the ghost town of Somersville, located on

the North side of Mt Diablo near Antioch. This was one of the small towns making up the Black Diamond coal mining district, active from the 1860's to the turn of the 20th Century. Low grade coal was mined here, mostly used to fire marine steam engines and farm equipment which was steam powered in that era. We used to cut high school (Berkeley) and explore the abandoned shafts which run many miles in length and go to great depths. Some of the rooms were large enough to hold an ocean liner. Unfortunately, due to several deaths from falls and lethal gases, the shafts have all been sealed off, with the exception of one which has been made safe and is open to the public.

Dave decided we should go with a delta loop for 20M, as 15 was dead. We used a spinning rod to catch a high branch of a nearby tree to provide the top support. The bottom leg of the triangle was only about two feet off the ground and we fed the delta with an MFJ QRP tuner using two feet of 300 ohm twin lead. The rig was a K-1 using a 7AH gel cell with hand key.

We spent about three hours under sometimes cloudy and windy conditions, but the band was surprisingly full of signals from the Northeast to Southeast. The antenna was set to radiate down a canyon roughly NE.

We made a total of 25 QSO's in 13 states garnering 2225 points.

All in all, it was a great outing and as much fun as Field Day. We had several youngsters approach and we tried to promote Ham radio which seemed to interest them a lot.

Thanks to you who set up this fun event, and we look forward to doing it again next year.

WB6FBB & W6EMD

-----  
Do you Yahoo!?

The New Yahoo! Search - Faster. Easier. Bingo.

<http://search.yahoo.com>  
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Date: Mon, 28 Apr 2003 16:27:26 -0400  
From: "Ken Newman" <N2CQ@Dandy.Net>  
To: "N4S0" <N4S0@Juno.com>, "Norm Into" <normk8ni@neo.rr.com>,  
"W3BG" <W3BG@arrl.net>, "NJ-QRP Club" <NJQRP@njqrp.org>,  
Subject: [149702] NJQRP Homebrewer Sprint: Logs Received  
Message-ID: <075c01c30dc4\$9940d5a0\$0b0a0a0a@kendsell>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sprinters,

As I posted earlier, we are asking for last call logs

for the Sprint. The below logs were received.

<http://www.njqrp.org/data/qrp-homebrewers-sprint.html>

for the info to enter.

AB6UI

AL7FS

K3NG

K4AVX

K4BAI

K4GT

K5ZTY

K8KFJ

KD7AEE

KE0G

N4BP

NB7F

VE7NI



W0UFO

W2AGN

W2JEK

W5TA

WB6BWZ

WB7AEI

WB8RTJ

WQ2RP

72 de Ken N2CQ

-----  
Date: Mon, 28 Apr 2003 15:44:15 -0500  
From: "David Durant" <n4xce@bellsouth.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [149703] QRP Books For Sale  
Message-ID: <001d01c30dc6\$ef287e80\$57a73fd0@workstation>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

the following books are sold only as a group they are all complete and in  
very good condition

LOW POWERSCRAP BOOK by RSGB (Radio Society Of Great Britton)

YOUR QRP OPERATING MANUAL by ARRL

HOW TO GET STARTED IN QRP by K4TWJ Dave Ingram

LOW POWER COMMUNICATIONS ,THE ART AND SCIENCE OF QRP by ARRL

QRP POWER by ARRL

QRP CLASSICS by ARRL

W1FB,s QRP DESIGN NOTEBOOK by ARRL

W1FB,s QRP NOTEBOOK vol 1 by ARRL

W1FB,s QRP NOTEBOOK vol 2 by ARRL

HF DIGITAL HANDBOOK by ARRL

asking \$70 (these books total over \$116 new)

contact David N4XCE at 1-251-478-8823 or n4xce@bellsouth.net

-----  
Date: Mon, 28 Apr 2003 17:44:09 -0400  
From: "NZ8J" <nz8j@woh.rr.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [149704] FS: MFJ Grandmaster MFJ-872 swr/pwr meter (5w/20w and 200w scales)  
Message-ID: <008001c30dcf\$4cf98c40\$6400a8c0@NZ8J>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

MFJ Grandmaster model 872 (  
<http://www.mfjenterprises.com/products.php?prodid=MFJ-872> ) It has 5W/20W  
and 200W scales, covers 1.8 to 200 mhz. Nice big meter good for qrp with the  
5W scale. (reads down to 100mw) The meter case has some scratches on it,  
however the face is perfect. The meter has a nice green backlight. \$58  
shipped priority mail.  
Thanks  
Tim  
NZ8J

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End of QRP-L Digest 2904

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